



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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August 8, 2016

MEMORANDUM

PROJECT:	PIN 100268.01 and PIN 100268.02
	Cumberland County SR 101 (Peavine Road) From Firetower Road to Near Lakeview Drive, and From Lakeview Drive to East of Westchester Drive/Catoosa Boulevard
SUBJECT:	CONSTRUCTABILITY REVIEW MEETING SUMMARY
DATE:	July 19 & 21, 2016
NOTES BY:	Lori Lange, P.E. TDOT Construction Division

A Constructability Review meeting was held on July 19th and 21st, 2016 with Construction Industry Representatives, TDOT Construction Division, and TDOT Region 2 Operations and Project Development staff. The scope of the review was to integrate construction expertise early into the project development process for the SR 101 reconstruction project.

The construction plans, utility relocation plans and traffic control phasing were specifically reviewed as part of the meeting. Quantities were not discussed in depth as part of this review, but were thoroughly reviewed at the Construction Field Review.

AGENDA:

1. Introductions
2. Purpose: Existing Conditions
3. Project Overview: Roadway, Right-Of-Way/Utilities, Traffic Control, Construction/Maintenance
4. Work Session

ACTION ITEMS:

1. Geotechnical
2. Quantities

SUMMARY:

The Geotechnical Report should be reviewed in regards to the storm drainage and utility construction with consideration of the type of material to be excavated. Additional soil borings may be warranted.

Maintaining driveway access will be priority. Additional quantities for driveway access, lane shifts, barricades, and temporary tie-ins should be considered. Wayfinding signage will also be needed during construction. Temporary pipe will be needed at some locations.

The project may benefit from Utility Coordination and Community Relations assistance.

Adjustment of signal heads will likely be needed with phasing of traffic. The project should be reviewed to determine if any temporary signals are needed. The signal design should be verified to meet City equipment standards.

The utility quantities should be reviewed specifically for bore and jack items, and temporary connections and adjusted accordingly based on phasing.

The traffic control plans should maintain left turn lanes for the project where those lanes currently exist.

Borrow quantities should be reviewed with the anticipated phasing of utility and roadway construction.

The box culvert sequencing in regards to erosion control and traffic control phasing should be clearly shown in the plans. The box culverts shown should be revised to pre-cast construction.

The quantity of barrier rail on the Phase 2 project, and sidewalk depth should be checked. The Lump Sum quantities will be revised for a bracketed project.

Coordination with adjacent construction will be needed.